

BACKGROUND INFORMATION
COLLECTED DURING PRELIMINARY INVESTIGATION
AND OFF SITE RECONNAISSANCE



1. Ownership

A. Pristine

Oren Long & Jane Long his wife (1/2) and Chester Long & Pauline Long his wife (1/2).

B. Carstab

As of 1956 & 65 deeds of Record, it is Carlisle Chemical Works, Inc.

2. Physical Description

Section 33, Township 4, Range 1, Sycamore Twp., City of Reading, County of Hamilton, State of Ohio:

A. Pristine, Inc./Cincinnati Drum

1. Exact location - As described in deeds.
2. Size - 13.327 acres

B. Carstab

1. Exact location - As described in deeds.
2. Size - Approx. 33 acres

C. For Both Sites

1. Topography - Gently sloping hillside to flat flood plain
2. Site plans - See Figure #1
3. Photos - Off site reconnaissance photos are attached.

3. Nature of Material at Site

A. Pristine

1. Containers - 3000-4000 drums, tanks and a pit
2. Wastes - Liquid
3. Chemicals - As reported by the USEPA on 4-4-79: sulfuric acid, hydrochloric acid, tetrahydrofuran, chromic acid, chlorinated hydrocarbons, and other chemicals.

B. Cincinnati Drum

1. Containers - Empty drums
2. Wastes - None reported

C. Carstab

Reportedly an unknown number of drums containing unknown chemicals were buried on site.

4. Description of Surrounding Area

Private residences - Trailer court east of Pristine, and a city park and high school stadium are south of Carstab.

Surface Waters - Mill Creek west of site.

Surrounding Land Use - See Figures 2 & 3

Public drinking water wells - City of Reading Well Field is adjacent to site. Nine (9) wells are approximately 155' deep.

5. Geology and Groundwater

Types of soils - See Table #1, Soil Description.

Depth to groundwater - Boring Logs obtain for the area indicates a possible shallow aquifer located at varying depths between 5' to 25' depth.

Direction of Groundwater Flow - For the shallow aquifer, towards Mill Creek.

Estimates of Erosion & Runoff - Erosion along Creek bank. Surface water is probable.

6. Flora and Fauna

Descisuous species and groundcover surrounded the site.

Typical prairie species were evident.

7. Climatic and Air Resources

Typical for area.

8. Sampling and Chemical Analysis History

A. Status of State and Local Involvement

-The USEPA has filed a 311 action against Pristine

-State of Ohio has entered into a partial consent decree agreement with Pristine.

B. Permits

Pristine has an Ohio Air Permit.

C. Sampling & Analytical History

The State of Ohio and the USEPA have both taken samples in the area. However, only the USEPA results have been made available.

9. Known or Alleged Hazards

As reported on Potential Hazardous Waste Site Identification and Preliminary Assessment Form, and USEPA Case Development Plan.

10. Medical Support

As noted on Site Safety Plan.